

REMARKS

Claims 2-7 were objected to as being dependent upon a rejected base claim, but were stated to be allowable if rewritten in independent form, including all of the limitations of the base claim and any intervening claims. Claims 2 and 5 have been so rewritten. Claims 3 and 4 are dependent on claim 2, which has been rewritten to be allowable. Claims 6 and 7 are dependent on claim 5, which has been rewritten to be allowable.

Claims 1 and 8 were rejected under 35 U.S.C. §102(a) as being anticipated by admitted prior art.

Independent claim 1 has been amended to state that the frequency conversion block includes a single second frequency divider for dividing the oscillation frequency by a factor of two to generate a divided frequency. In contrast, the admitted prior art cited by the Examiner depicted in Figs. 3 and 5, and described on pages 3-8 of the specification, only discloses two frequency dividers within the frequency conversion block.

Independent claim 8 has been amended to state that multiplying the oscillation frequency by a factor of $(2N+1)/2$ uses N frequency mixers. In contrast, the admitted prior art cited by the Examiner only covers the case where $N=1$, (Office Action, page 2, paragraph 2, lines 7-9).

By the addition of new Claim 9, the present invention is further differentiated from the cited admitted prior art.

CLOSING

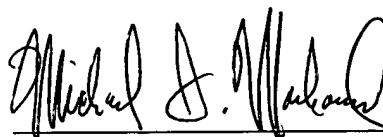
An earnest effort has been made to be fully responsive to the Examiner's objections. In view of the above amendments and remarks, it is believed that independent claims 1, 2, 5, 8, and 9 are in condition for allowance, as well as those claims dependent therefrom. Passage of this case to allowance is earnestly solicited.

However, if for any reason the Examiner should consider this application not to be in condition for allowance, he is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Please charge Deposit Account No. 50-1290 the sum of \$172.00 for two (2) independent claims in excess of the three (3) independent claims covered by the filing fee paid.

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Account 50-1290.

Respectfully submitted,



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Enclosure: Amended Fig. 8

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